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# WSTF Sustainability Initiative Team (WSIT)

## Promoting Environmental Sustainability


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# The WSIT Story

Significant Aspect	Impact	Objective	EMP
<u>2005</u> Energy and Water Consumption	Depletion of Natural Resources	Improve Environmental Performance	<b>Sustainability</b> (WSIT Established)
<u>2007</u> Lack of employee participation in Environmental Programs	Depletion of Economic and Natural Resources	Raise Awareness of WSTF Environmental Programs	 <b>Environmental Sustainability</b>



# Mission Statement

To lead WSTF toward a culture of environmental sustainability by gathering and disseminating information, raising employee awareness, encouraging employee involvement, and challenging the WSTF community to choose “GREEN” options whenever possible.



# Purpose

- ◎ Raise employee awareness and encourage employee participation;
- ◎ Support departments' efforts;
- ◎ Facilitate communication between departments and management;
- ◎ Promote sustainable actions to management;
- ◎ Document WSTF actions and initiatives;
- ◎ Expand partnerships; and
- ◎ Strive for continual improvement ...

*in all areas of Environmental Stewardship  
and Sustainability.*



# Environmental Sustainability

Recycling

Affirmative  
Procurement

Alternative and  
Renewable Energy

Pollution Prevention (P2)

Waste  
Minimization

Environmental Compliance

*Resource Conservation*

Energy Management

Community and Environmental  
Stewardship

Environmental and  
Cultural Resources Preservation



# WSTF's Environmental Foundation

- ❖ Environmental Management System
- ❖ Energy Management Panel
- ❖ Affirmative Procurement
- ❖ Pollution Prevention (P2)
- ❖ Recycling
- ❖ WSTF Sustainability Initiative Team
- ❖ Community/Environmental Stewardship
- ❖ Employee Involvement





# Communicating Environmental Sustainability at WSTF

- ✓ WSTF Safety, Environment, and Total Health “SETH” Day Booths
- ✓ Sustainability Awareness Presentation (received by 43% of WSTF employees to date)
- ✓ WSTF-all emails: “WSIT NewsFlash”
- ✓ WSTF Monthly Newsletter “What’s Going On” (WGO)
- ✓ Porcelain Press



# SETH Day 2005

## Highlights:

- (C) Columbia Fitness Center LEEDs Building
- (C) Hybrid Technology
- (C) Carpool Savings – WSIT created a spreadsheet to calculate:
  - 🚗 Daily, weekly, and annual fuel cost to commute to work!
  - 🚗 Potential financial and mileage savings by carpooling!
- (C) State and Federal tax incentives for fuel efficient cars!
- (C) FREE copies of the EPA 2005 Fuel Economy Guide





# SETH Day 2006

## Highlights:

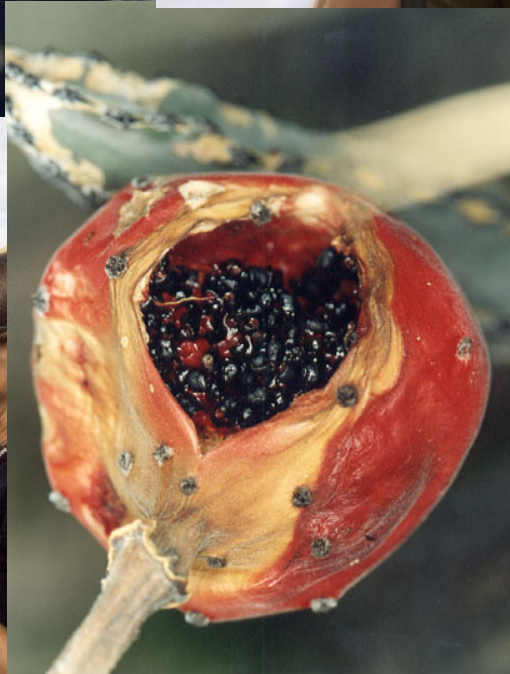
- ( ) Magazine recycling kick-off
- ( ) Recyclable/compostable “To Go” containers
- ( ) Calculate your Ecological Footprint

## Provided Information on:

- ( ) Environmentally friendly cleaning products
- ( ) Energy savings
- ( ) Sustainable living
- ( ) Conscious consumerism
- ( ) Buying organic
- ( ) Junk-mail reduction



# Annual WSTF Nature Walk



WSIT: Promoting Environmental Sustainability at WSTF





# What's Going On at WSTF?

1/06 - Carpoolers Rewarded!

9/06 - RECYCLING NEWS: WSIT Announces Recycling BOOM! (*Plastic Bottle Recycling*)

11/06 - WSIT RECYCLING UPDATE: Shiny Paper Recycling (SPR) Program

12/06 - WSIT Wishes YOU **Green** and Happy Holidays! *Tips to make our wish and your holidays sustainable!!*





# WSIT NewsFlash

- \* WSTF is Recycling HARD HATS!!
- \* The Lions Club Recycles for Sight! : *On behalf of the LIONS CLUB, WSTF will be collecting EYEGLASSES!!*
- \* How Big is Your Ecological Footprint? Take the Quiz; Take the Challenge!
- \* WSIT SETH Day NEWS FLASH: Recycle Your Magazines!!
- \* Make this your New Fiscal Year Resolution: Order 100% Recycled Copy Paper and CLOSE the LOOP!!



# Porcelain Press

Published by the  
Keystone Committee



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ZERO AND BEYOND

February 14, 2007

Volume 12, Issue 17

## Safety, Environment, and Health

"CC-07-004 Bldg 104, WSTF operational status message line did not address ice conditions on NASA Rd." Corrective Action: The WSTF Operations Status line (524-5031) will record the following message during adverse weather (snowy, icy, flooding, slippery, sleet, or hail):

**"Hazardous conditions exist on the NASA access road—  
use extreme caution."**

This will be the only message recorded and employees should be advised to:

- ✓ assess their individual situation
- ✓ contact their supervisor
- ✓ be prepared to drive with extreme caution, alert to emergency vehicles and undesirable road conditions



### Plastic Bottle Recycling Locations & Caretaker

100 (downstairs break room)—Cheerie Potemudu/Imma Peña  
100 (upstairs by the vending machines)—Cheerie /Imma  
101 (first floor stairwell)—Steve Lovik  
101 (second floor by the water fountain)—Steve Lovik/Mary Canavan  
120 Warehouse (next to the Transportation office)—Pete Rios  
200 (North High Bay Breezeway)—Sal Placencia  
203 (near Bob Marshall's office)—Coco Zubia  
272 —Don Henderson  
300 Blockhouse (by vending machine)—Asher Lieberman  
400 Blockhouse (by vending machine)—Shane Daugherty  
460—Shane Daugherty  
Fitness Center—Jason Noble  
802—Jill Rollings  
Main Gate/Forward Gate/Patrick Placencia  
Fire Department/JR Heimbecker

- ✓ Help your caretaker by removing caps, flattening milk bottles, or by helping transport bottles to B637/B638 —Call Mary Canavan (5353) Harold Harrison (5461) Amanda Skarsgard(5460) for more information.



"An ounce of prevention keeps the germs away" Visit <http://www.cdc.gov/cleanhands/> to learn more. (NOTE: These and other Porcelain Press web links are available on the most current Porcelain Press S:\\VPP\_Keystone\\Porcelain Press\\current.pdf) or in archived issues.

### HANDWASHING IS THE THING TO DO





# Above and Beyond Affirmative Procurement

- 👍 Replaced 100% Virgin Wood pulp Kimwipes®
- 👍 Adding highest percentage recycled product available to warehouse stock
- 👍 Promoting the sitewide use of 100% recycled copy paper
- 👍 Replaced styrofoam hot cups with compostable “bagasse” cups...



*MORAL: Use a MUG!*





# WSIT Partnerships & Employee Initiatives

## NMSU Solid Waste and Recycling Facility

- ☑ Shiny Paper Recycling (SPR) Program (2,300 lb)
- ☑ Hardhats (~ 50)
- ☑ Mixed Paper (1,200 lb manila folders)
- ☑ Wood Pallets

## City of Las Cruces

- ☑ White Paper
- ☑ Cardboard

## VPP Keystone Committee

- ☑ Plastic Bottle Recycling (> 500 lb since 7/06)
- ☑ Purchase of additional recycling containers

## Lion's Club

- ☑ Eyeglasses collection (81 pairs recycled to date)



# WSIT Documents Sustainable Actions

- ★ Donated computers and laboratory equipment to local schools
- ★ Donated unused explosives to Dona Ana County Sheriffs Department for training
- ★ Donated stock tanks and well casing to San Andres Wildlife Refuge
- ★ Donate shredded paper to Animal Shelter
- ★ Logistics Department reuses and recycles packing materials in shipping



# And...

- ★ Environmental Department electronic reporting (saved > 1,000,000 pages since 2000)
- ★ Installed low-flow sampling systems in 60 groundwater monitoring wells
- ★ Eliminated use of Ozone depleting Freon 113 (from 3,780 lb in 1990)
- ★ Phasing in “GREEN” janitorial products sitewide
- ★ Re-use of Clean Room IPA and in-spec Ethanol and returning unused chemicals to vendors









# On the WSIT Horizon...

## RESEARCH and SUPPORT of:

- ✧ Concrete crushing and re-use
- ✧ Re-vegetation of bladed areas
- ✧ Composting yard waste (through NMSU)
- ✧ Paperwork reduction and “going electronic”
- ✧ Hazardous Materials Management Program

## Populate WSIT Website:

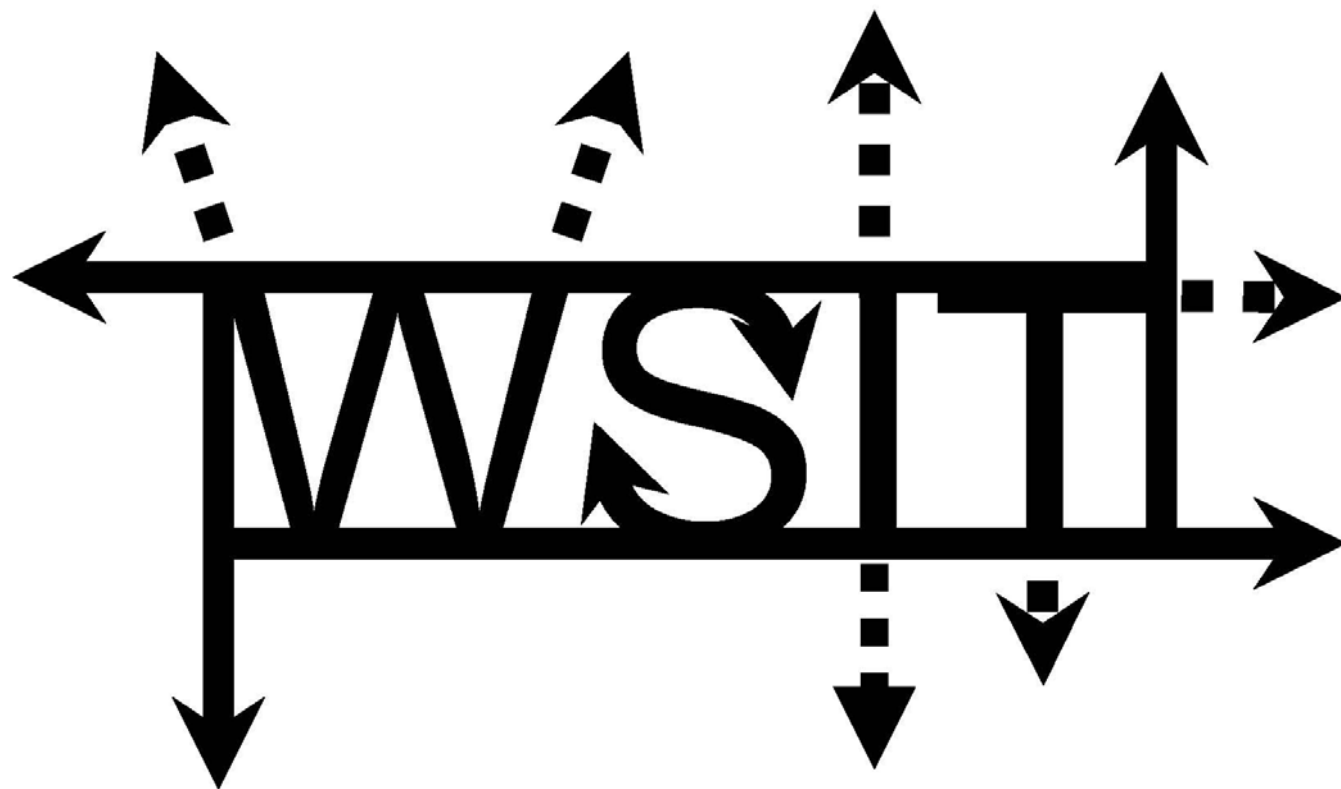
- ✧ Locations of WSTF recycling receptacles
- ✧ Employee initiatives and recognitions
- ✧ Environmental sustainability links



# WSIT Goals

- ◎ Build a framework of sustainability on the foundation of established environmental programs
- ◎ Promote and “sustain” existing environmental programs
- ◎ Encourage employees to “THINK SUSTAINABILITY”
- ◎ Become the environmental conscience of WSTF
- ◎ Establish a sustainability culture similar to WSTF’s strong Safety Culture





***Thinking Outside the BOX!!***